A device for bending the ring of maring tolls. Politekh.obuch.
no.3:84 Mr '59. (MIRA 12:4)

1. Srednyaya shkola No.475, Moskva.
(Marking devices)

CIA-RDP86-00513R000927930012-8

KUZELKA, Vaclav; KADIEC, Jaroslaw

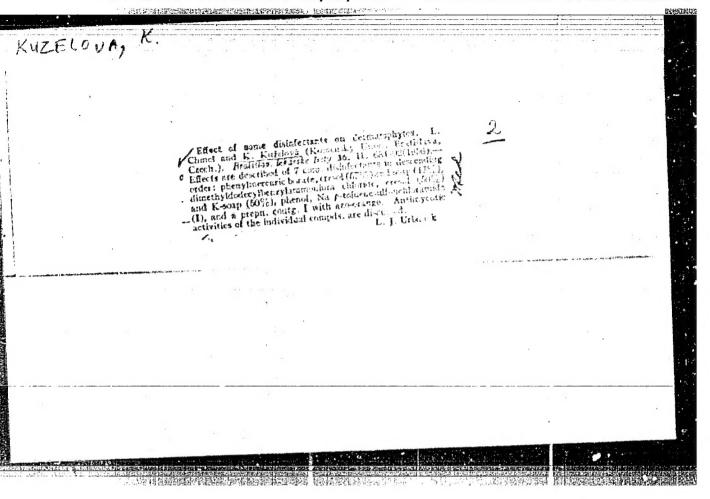
Theoretical analysis of static stability of spacer grids of the pin-type fuel element of the A-1 nuclear reactor. Jaderna energie 9 no.114356 363.

1. Statni vyzkumny ustav tepelne techniky, Praha.

CKVCRTCOV, Aleksey Anatol'yevich, prof., doktor tek m. nask;
AKIMENKO, Anatoliy Umitriyevich, dots., karı. tekhr. nauk,
KUZELOV, Mikhail Yakovlevich, dots.

[Heating units] Nagrevatel*nye ustroistva. Moskva, Vysshaia shkola, 1965. 443 p. (MIRA 18.12)

	THE PROPERTY AND THE PARTY OF T	
way di n Bay and hair shalar	EXCERPTA MEDICA Soc 13 Vol 11/11 Paratolo 27	_ ;
	2426. HEGYI E., KUZELOVA K. and LENDVAI O. Dermatol. Kat. LFUK, a Por- Adne pre Kozne Chor. z. Povolania, a Zavodnej Ambal. Kefovjek Zavodov, Bratislava, *Profesionalny výskyt epidermofýcie pri práci s cirokom.	
	Occupational incidence of epidermophytosis in workers handling broomcorn BRATISLAVSKÉ LEKARS. LISTY 1956, 36/11 (677-684) Tables 1 Illus. 1	D
	In an outbreak of corporeal epidermophytosis among workmen producing brushes from broomcorn straw, a positive culture of Epidermophyton Kaufmann-Wolf was obtained in 3 cases. This is the first transmission reported of epidermophytosis by broomcorn. Preventive measures were successful.	
	(XVII, 13)
	1 1 4 mg/ - Trim 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		i S
		· ·
• •		
		E ell
CONTRACTOR OF THE PROPERTY OF THE CONTRACTOR OF		entropy in the contract of the
are entre de la companya de la comp		



CHECHOSLOVAKIA

RUCKL, V., ND, KUZELOVA, M., FD, and VLASAK, R., Engr [affiliation not given].

"Esters of Acetic Acid (Acetates)"

Prague, Pracovni Lekarstvi, Vol XV, No 6, August 1963, Prehledy [a supplement], pp 11-13].

Abstract: General information on the properties, permissible concentration, uses, hygiene, estimation, toxicology, biological tests, and inspection. Pourteen references, including o Czech and 1 Slovak.

1/1 2050

 \mathbf{G}_{-}

MITELOWA, Marie; VAROSEA, Jun

Contribution to the differential diagnosis of vaccium diseases during work with pneumatic tools, crass lek. 16 no.7:505-331 s. 9.4.

1. Cidaleni choreb z povelani (veonito aviava nar inite riravi v Pardubicien (vedouci Müle. M. Kareleva, Erricheriska klimina fakulty vseonecneno lekarstvi Eurichy eniversity v grame lite i nonta prof. ir. V. Symb, Erde...

CZECHOSLOVAKIA

UDC 613.632:615.9(:5h7.322.31:5h7.291)

KUZELOVA, Marie; VLASAK, Rudolf; Okresni Institute of National Health, Department of Occupational Diseases (Oddeleni Chrob z Povolani OUNZ), Pardubice, Head (Vedouci) Dr M. KUZELOVA; Okresni Station of Hygiene and Epidemiology (Hygienicko-Epidemiologicka Stanice), Pardubice, Director (Reditel) Dr V. KLEINBAUER.

"Effect of Methylene Dichloride on the Health of Workers in the Production of Film Foils, and Study of Formic Acid as the Metabolite of Methylene Dichloride."

Prague, Pracovni Lekarstvi, Vol 18, No 4, May 66, pp 167 - 170

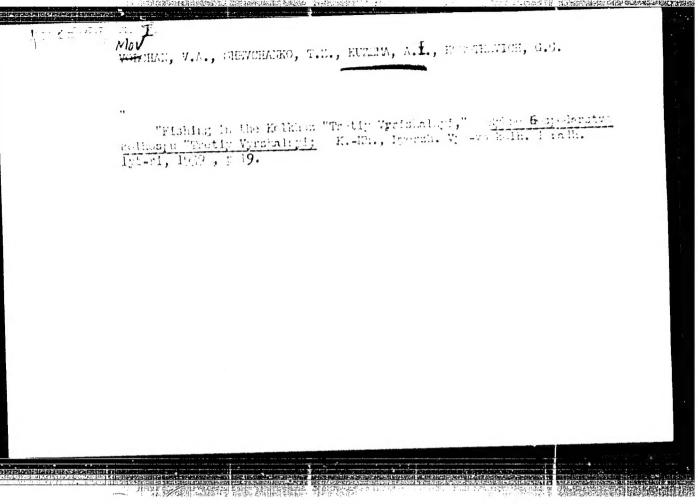
Abstract /Authors' English summary modified 7: The effect of methylene dichloride (dichloromethane) was studied in a group of 33 workers who were exposed to it for an average period of 2 years. The concentration prescribed by Czechoslovak law, that is 0.5 mg/l, was exceeded all the time; the US and British maxismum of 1.75 mg/l was exceeded sometime up to 10 times. 72% of the workers complained of headaches, 50% of fatigue after work, the workers complained of headaches, 50% of fatigue after work, of irritation of upper respiratory tracts, 50% of neurasthenia, and 30% of digestive disorders. During the investigated period there were 3 cases of acute poisoning; all 3 recovered. (Ms. rec. 16 Jul 1/1 (1 Table, 8 Western, 7 Czech references. (Ms. rec. 16 Jul 65).

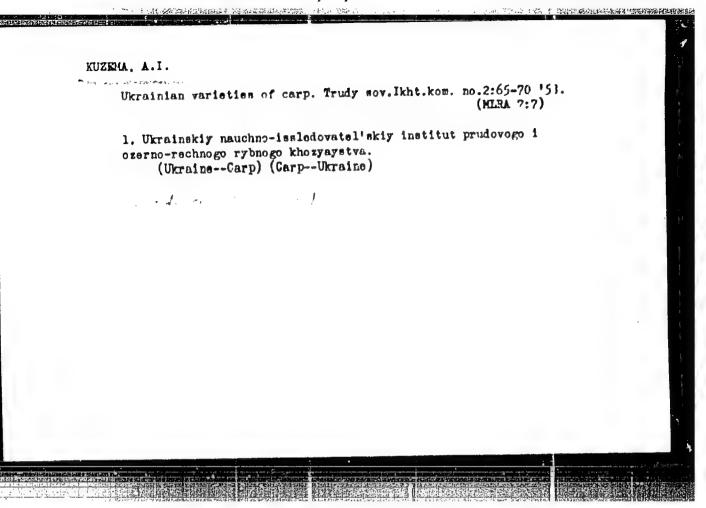
E. Mario, Mario, Schmidt, Berran, Mahr.

E. Mario, and the health states of religions wester with dispirally lycol after constite of exposure. Prac. lek. 17 no.2144-46 Mario.

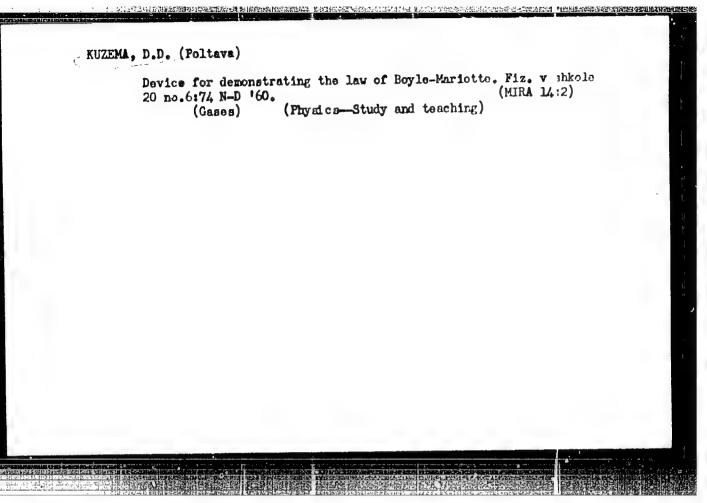
1. Oddeleni chorch z pavolani (vedenci: MDr. M. Espelava), interni eddeleni (vedenci: MDr. R. Herran) Obratich in natavi interni eddeleni (vedenci: MDr. R. Herran) Obratich in university narodniho miravi v inrodnici m. R. Redevata silve vi Carmin III, J. By. Purkyne 520.

CIA-RDP86-00513R000927930012-8

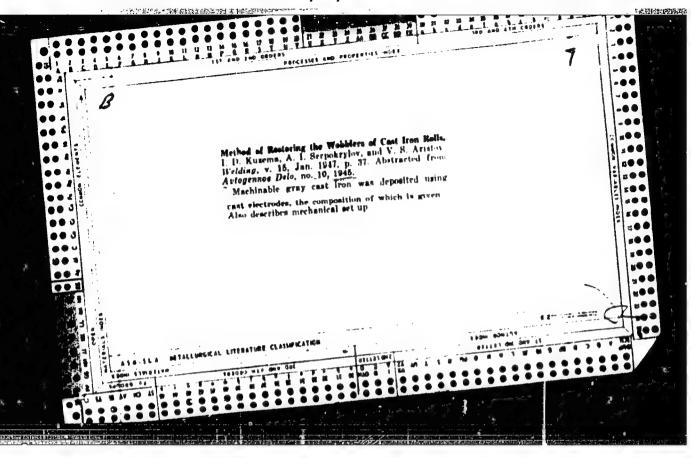




APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"



CIA-RDP86-00513R000927930012-8

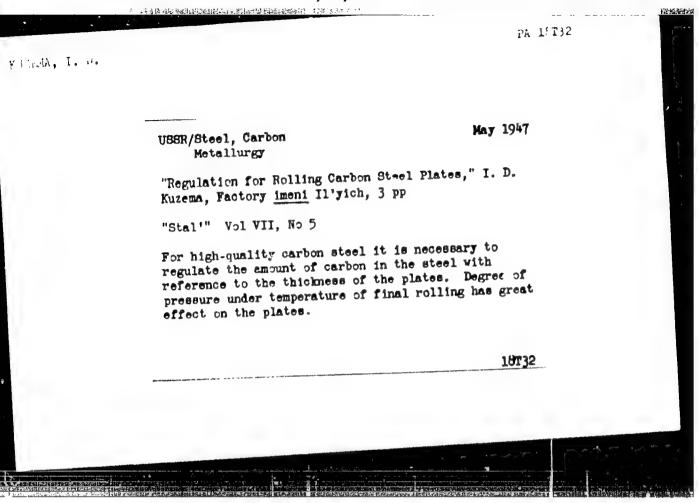


Kuzema, I. D.

"Determination of the Stress During Wire Drawing", Stal', 19h6, Nr 2, pp 96-99.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"

CIA-RDP86-00513R000927930012-8



"APPROVED FOR RELEASE: 03/13/2001 CIA-RD

CIA-RDP86-00513R000927930012-8

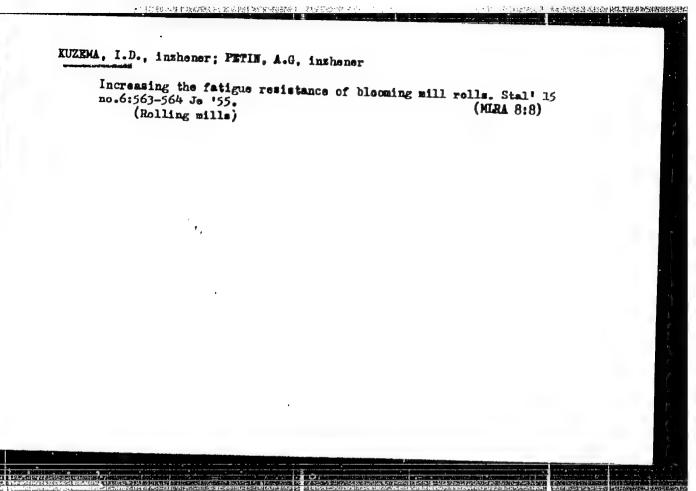
KUZEMA, I. D. IA 41T29 USSR/Engineering Motallurgy Jan 1948 Steel Ingote "Rational Shapes for Slabs," I. D. Kuzema, Engr, Works imeni Il'ich, 5 pp "Stal'" No 1 Offers methods for making slabs in new sizes. Claims that this must be done to decrease loss of metal during the cutting of plates. Claims that, for the most part, this can be accomplished by use of Convexoconcave wide and straight (or lightly convexo-concave) thin facets. Waste can also be cut down by the use of slabs of the proper width.

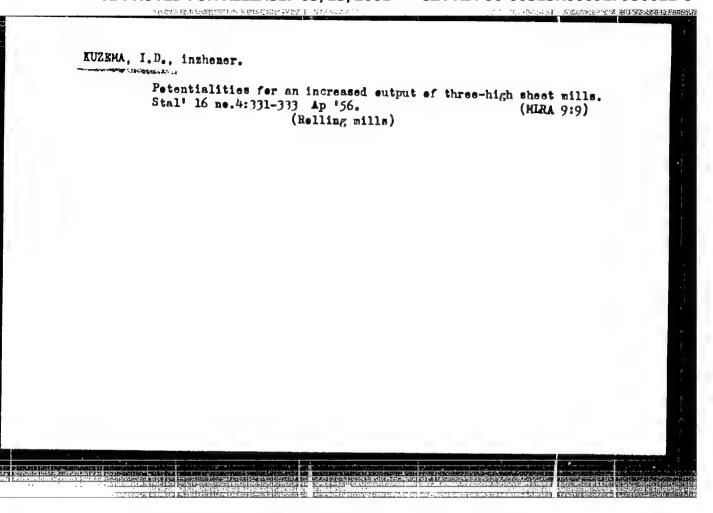
Folling (Ketalwork)
Folling metal with negative tolerance. Za ekon. mat. no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

CIA-RDP86-00513R000927930012-8

Tregular deformation. Obr.met.davl. no.3:33-48 154,
(Deformations (Machanics)) (Forgings)





CIA-RDP86-00513R000927930012-8

KUZEMA, I. D. Cand Tech Sci -- (diss) "Inequality of the deformation Yours," Ass, 1957. 13 pp23 cm. (Min of Ship Building USSR. Central Order of Lenin Sci kes Inst), (KL, 10-57, 103),

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"

AUTHOR: Kuzema, I.D. (Engineer)

133-6-18/33

TITLE:

A 42 1 17211

A rational method of choosing the weight of slabs for the production of plate. (Ratsional nyy metod fabrikatsii listovykh slitkov).

PERIODICAL: "Stal'" (Steel), 1957, No.6, pp.541-543 (USSR).

ABSTRACT: At present on all metallurgical works a constant made facturing coefficient for slabs for each kind of steel is used. This is calculated on the basis of mean total metal losses for cut off edges and scaling of metal, without taking into consideration required dimensions of rolled plates. The author derived formulae incorporating the dimensions of plates for calculating the mamifacturing coefficients and relative losses of metal on cut off side edges and head and tail ends of a plate (with specimens for technological tests cut off from one or both ends of a plate). The comparison of the dependence of the actual losses of metal in cut off side edges on the width of plates with those calculated from the proposed formulae as well as similar comparison of the dependence of metal losses for test strips on the length of the plate are given in Figs.2 and 3 respectively. The dependence of mamifacturing coefficients on the required width and length of plates

Card 1/2

A rational method of choosing the weight of slabs for the production of plate. (Cont.) 133-6-18/33

for steel CXM-1 is given in Fig.4. It is pointed out that the use of the method proposed produced a saving of metal of about 3%. E.N.Grishina participated in the above work.

There are 4 figures.

AVAILABLE: Library of Congress Card 2/2

		ALATTER TARREST AND		· · · · · · · · · · · · · · · · · · ·	和各种。本种的特殊的
Little & K	لانت وقته				
i	. 4			•	•
	100	immes, Frofessor, - Introded for - various theoretical - various	254	କ ଅ	
	conferentatys as tenus o proisredaiva." Elate Scientifis and Twens. In the Sciling Industry) if techniches of institut is. itschniches washingstroit. Stacker washingstroit. Stacker washingstroit.	Sciences, Professor are intended for pressure, spread, sides, forces requir experiences of Lucina-clad steel, littles are mentions matter of Perpus feel and Auto-	tallurgii Investi- Continus Relation Institut Prope-	la .	
\$50/3256	44. 23 135	Sciences, Francisco de la constanta de la cons	9 M Proper 19 M A S.	• • • • • • • • • • • • • • • • • • •	
	entalya a fredatva. Setentifia he Bolling nied. Chesky i chesky i	Sene The Sal			
	terent of the Salary of the Sa	Meal Scientification are 1 when are 1 has presented the sape of th	Charles and Charle		
10141	A prokatnego proista A prokatnego proista Distributa esta Licho essenta in the Licho essenta Licho essenta Licho esta Malya, and Mauchao Malya, and Mauchao	Technical Technical To duference To such as: To fulface To rolling. The such as: To such a	Matteu ch Margo de Par Elon fa. Plant fa. Politernia Mulatinas Mulatinas		
# W0	kathay katha yezen O cop kiy p heako	he conferentiation of Technical integral integra	Acti		
MASE I BOOK ENFLOTFATION	25 27 9344	Mapp. Ed.: V.S. Satthow, Dottor of Technical Science Hais W.S. Pavlow. FURCASE: These proceedings of the conference are late proclaims in the rolling industry. FORTHAGE: The articles of this collection cover variand practical problems of tolling, such as: pressue affairment for rolls, defermination of equipment, wardening of conference and rolling of conference series. Merchands of process of the conference articles. More and rolling of conference actions of equipment, always for series. Merchyl, Marially (Orals Scientific Research Institute and rolling of Maria and Merchoese and Conference articles.)	Meleshio V.1. and P.M. 31'yan, [Institut cherroy a fasten of Easten of Easte		
7.00	Elzhanij Elzhanij na of th Becent 251 p. I Lenin Ichno-te Jening	ithov, D. feedings realings realings of colling despected ferrous ferr	End P.N. Saf'y e on Ferrous N Consumption, a I ML1 I M		4
	e doeti actions ce on B 958. 2, 958. 2, 958. 2, 958. 2, 958. 2, 958. 2,	ariota ariota ariola ariola probles	ture of processing the state of state o		t.
	rakaya ma manayye do Transacti ference ad, 1958. & Agencie Linina, M	1 V.3 Battin Barlow. These processists in the r The arricels problem (ifeal problem (ifea	Sifting Sheet Shee		+
	Sovrementys Sovrementys Truty(Truns eal Conferen Leningrad, 1) Domeoring Age R.I. Kalinin elfy, Leningra	M.M. W. W. M. W.	Ing. June 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Mahvusovakaya Sovramentaya Frudy(Truns sal Conferen Lentingrad, 1 Jonsoring Age R.E. Kalinin eley, Kening estvo metali	Man. Ed.; W. F.	Melesko V.I., and P. M. USAR (Institute o. gation of Energy Corn. Mot-rolling Sheet Hill States - L.B [Zavod 11 Jetter o. december of the constitution of the const	•	
	~ ~ ~	4 K 8	****		ч
				-	1 1
	9 18 10 8 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				- **
CHEST CONTROL OF THE PROPERTY					
	。 。 生活 计多级字符 经基础的	中的1910年,中国1910年的1910年,1910年,1910年	and the state of the state of the state of	2017年1月1日中央会議、中部建設的建築時代には西西	ALUMNING STATISTICS TO A PARTY OF

CIA-RDP86-00513R000927930012-8

SO7/137-59-1-1559

Translation from: Referativnyy zhurnal Metallurgiya 1959, Nr 1, p 208 (USSR)

AUTHOR: Kuzema, I. D.

TITLE: The Relationship Between the Geometrical and Weight Tolerances for

Heavy Sheet Steel (Svy4z mezhdu geometr cheskim: vesovymi

dopuskami v tolstolistovov stali-

PERIODICAL. Tr. Mezhvuz. nauchno-tekhn. konferents.i na temri "Sovrem

dostizh, prokatn proiz-va . Leningrad, 1958, pp 208-213.

ABSTRACT: A presentation of the derivation of a mathematical relationship be-

tween the geometrical allowance in thickness \underline{a}_{t} on the edges of the steel sheets and the weight tolerance ϵ : the relationship is expressed by the formula $\underline{a}_{t} = \epsilon \Delta_{t} = (2/3) \ell \Delta_{m+N} = \Delta_{m+1}$ where Δ_{t} is the nominal thickness of the sheet and $\ell \Delta_{m+N} = \Delta_{m+1}$ is the sum of the wear and the deflection of the rolls. For these, that

are rolled with negative weight allowances

 $\Delta_{\max} = \Delta_{\min} = 0.2 \pm 0.4 \text{ (w-1)}$ and for sheets being rolled in (coordance with their theoretical weight $\Delta_{\max} = \Delta_{\min} = 0.2 \pm 0.6 \text{ (w-1)}$ where w is the width of the sheets in meters. An example illustrates

Card 1/2 the practical application of these formulae to the problem of

CIA-RDP86-00513R000927930012-8

The Relationship Between the Geometrical and Weight Tolerances (cont.)
regulation of tolerances for shipbuilding steel and for sheet steel supplied by its theoretical weight.

M. Ts

Card 2/2

Sov/133/58-9-14/29

AUTHOR: Kuzema, I. D. (Cand. Tech. Sciences)

TITLE: Mastering of Rolling Plates According to the Theoretical Weight (Osvoyeniye prokatki tolštykh listov po teoreticheskomu vesu)

FERIODICAL: Stal', 1958, Nr 9, pp 817-820 (USSR)

ABSTRACT: In the usual rolling of plates, metal losses caused by a higher weight of the plates than the theoretical one are of the order of 1.5-2%. Therefore, mastering of rolling practice according to the theoretical weight will give a saving of metal. In the paper the introduction of this type of rolling practice in some works (not specified) is discussed It is pointed out that for the purpose it is necessary to establish internal (for the works) rolling tolerances (calculated by the method outlined in the paper), rational roll design (so that the difference between maximum and minimum thickness caused by roll wear and deflection was at a minimum) and a regular control of the plate thickness. There are 5 figures.

Card 1/2

Sov/133/58-9-14/29

AUTHOR: L'vovskiy, Sh. A. (Engineer)

TITLE: Determination of the Machine Time During Rolling Sheets with Doubling (Opredeleniye mashinnogo vremeni prokatki tonkikh

PERIODICAL: Stal', 1958, Nr 9, pp 821-823 (USSR)

ABSTRACT: An analytical method for calculating the mean coefficient of elongation and machine time durin; rolling of sheets with doubling is discussed. A formula for calculating machine time (Eq.19) is given. There is 1 table.

ASSOCIATION: Nizhne-Tagil'skiy metallurgicheskiy kombinit (Nizhniy Tagil Metallurgical Combine)

Jurd 2/2

	。 《《《中国》(1986年)(1987年)(1986年)(1986年)(1986年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年) 《《中国》(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)(1987年)
25(2)	SOV/148-59-2-19/24
AUTHORS:	Kirillov, B.S., Kapustina, M.I., and Kuzema I.D., Candidates of Technical Sciences; Danilov, V.D., and Savchenko, A.M., Engineers
TITLE:	Investigation of the Crankshaft in Steam-Driven Rolling Mills (Issledovaniye kolenchatogo vala v sisteme parovogo privoda prokatnogo stana)
PERIODICAL:	Izvestiya vysshikh uchebnykh zavadeniy, Chernaya metallurgiya, 1959, Nr 2, pp 143-151 (USSR)
ABSTRACT:	In order to complete existing data the authors present information on the fatigue strength of crankshafts in steam driven rolling mills. Computations of the fatigue strength were preceded by dynamic analyses, including the character of stress and drive dynamics as well as by power analyses of the machine. The information includes recommendations on the computation of fatigue strength for multi-cranked shafts with a low revolution rate and subjected to no impact load.
Card 1/2	There are 2 oscillograms, 1 photo, 6 sets of graphs and 1 table.

CIA-RDP86-00513R000927930012-8

SOV/148-59-2-19/24

Investigation of the Crankshaft in Steam-Driven Rolling Mills

ASSOCIATION: Zhdanovskiy metallurgicheskiy institut (Zhdanov ketallurgical

Institute), Kafedra mekhanicheskogo oborudovaniya metallurgicheskikh

zavodov (Chair of Mechanical Equipment of Metallurgical Plants)

SUBMITTED:

March 19, 1959

Card 2/2

KUZEMA, I.D., kand. tekhn. nauk

Effect of chemical composition and residual stress on the strength or hot-rolled sheet steel. Izv. vys. ucheb. zav.; chern. met. 2 no.3:85-92 Mr *59. (MIRA 12:7)

l. Zhdanovskiy metallurgicheskiy savod im. Il'icha. Rekomendovana kafedroy obrabotki metallov davleniyem Zhdanovskogo metallurgicheskogo instituta.

(Sheet steel--Testing)

CIA-RDP86-00513R000927930012-8

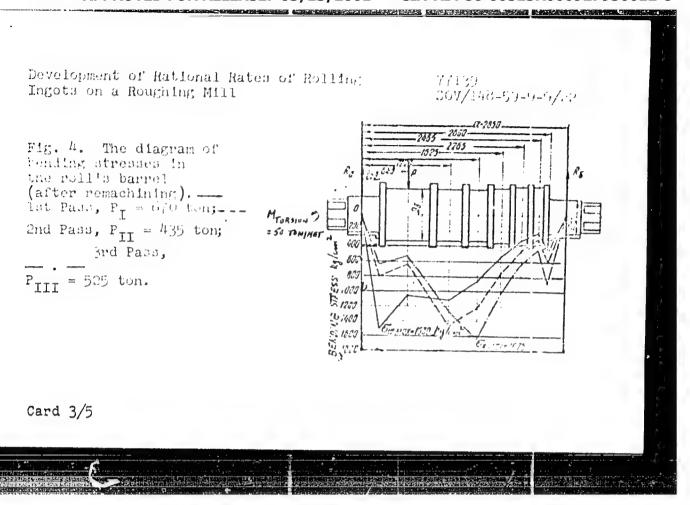
18.5100,25.2001 Kapustina, M. I., Kuzema, I. D., Kirillov, B. S. (Candidates of Technical Sciences), Danilov, L. D., Savehenko, A. M. (Engineers) AUTHORS: Development of Rational Rates of Rolling Ingots on a TITLE: Roughing Mill PERIODICAL: Izvestiya vysshikh uchebnykh zavodeniy. Chemaya metallurgiya, 1959, Nr 9, pp 95-166 (USSR) ABSTRACT: A study of the work of the roughing mill at the shape rolling shops of the Plant imeni Il'yicha (Sortoprokatnyy tsekh zavoda imeni Il'yicha) for the purpose of eliminating the breakdowns of the main steam engine crankshaft and for establishing the optimum method of rolling the ingots on the existing roughing mill. B. N. Poydyshev, V. N. Demochko, L. N. Kurkin, Ye. N. Grishina, V. T. Demchenko, Ts. M. Rakhlin, A. V. Chechnev, P. P. Tokarev, N. M. Simonov, and V. M. Buynevich participated in the work. The investigated roughing mill consists Card 1/5 of one two-high reversing 830-stand designated for

Development of Rational Rates of Rolling Insets on a Roughling Mill

11.39 301/146-59-9-9/22

chromium-nickel steel: 0.40% 0; 0.10% M; 0.17% di; 0.040% P; 0.040% S; 0.40% Or; 2.4% Mi). The power plant concists of one simple, simple expansion, 4,100 HP, 3 cylinder, compound, heriz ntal, reversing steam engine, working at a to to a an expheres pressure and a gear transmission. During 1985-1987 there were six crankshaft breakdowns. The intervals between the breakdowns were from 2 to 18 months. The authors describe the methods of investigation and the results of same, with reference to the previous work of T. M. Golubev, L. N. Soroko, and others, who investigated the power characteristics of the blocking mill at the Kuznetsk Metallungical Combine (Kuznetskiy matallungicneskiy kombinat) (Golubev, T. M., Soroko, L. N., Zaykov, M. A., Kaftanov, M. P., et al., Stall, Mr C. 197). In the present work the strength caleadentine showed the reasons for their creakitums. The ralphateion of the rolls and the crankshaft of the steam entine showed the reasons for their creakitums. The ralphateion of the roll showed (see Fig. 4) that the weakest place of the rolls is in the second roll pass,

Carl J



Development of Rational Rates of Rolling Ingots on a Roughing Mill 771.57 2 77/148-59-9-9/22

where the highest stresses during rolling of metal In the first and the second roll passes take place (up to $\sigma \sim 1,480 \text{ kg/cm}^2$). The breakdowns of the lower roll are explained by the fatigue rupture of the lower roll which transmits the whole torsion moment of the second roll pass. The ragging of the second roll pass surface and the swapping of the rolls position (after the second remachining) proved to be the effective means of preventing the breakdowns of the lower roll by the second roll pass. The crankshaft calculations and the metallographic investigation showed that the cause of its breakdowns is the insufficient fatigue strength of the metal of the first crank arm. It is recommended that the first crank arm be manufactured from the alloy steel with tensile strength of about 90 kg/mm, which suggests the use of chromium-nickel-molybdenum steel 35 KW3MA (0.29% C; 0.50% Mn; 0.17% S1; 0.035% F; 0.030% S; 0.80% Cr; 2.5% Mi; and 0.20 to 0.30% Mo. There are 4 figures; 2 tables; and 5 Soviet references.

Card 4/5

Card 5/1

Development of Rational Rates of R lain; SOU/145-59-9-9-21

ASSOCIATION: Zhdanov Metallurgical Institute (Zhdanovskiy matallurgicheskiy institut)

SUBMITTED: Sume 11, 1959

KAPUSTINA, M.I., kand.tekhn.nauk; KUZEMA, I.D., kand.tekhn.nauk,
KIRILLOV, B.S., kand.tekhn.nauk; DANILOV, V.D., inzh., SAVGHENKO,
A.M., insh.

Developing efficient conditions of ingot rolling on cogging mills.
Zool.zhur. 38 no.1:95-100 Ja 159. (MIRA 13:4)

1. Zhdanovskiy metallurgicheckiy institut.

(Rolling (Metalwork)

3/137/62/000/002/060/144 AG06/A101

AUTHORS:

Kapustina, M. I., Kuzema, I. D., Savehenko, A. M., Shiryayev, V. I., Goltvenko, A. I., Grishina, Ye. N.

TITLE:

A rapid method of calculating the efficiency of three-high sheet

rolling mills

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1952, 18, abatra : , D&o

("Sb.nauchn. tr. Ehdanovsk. metallurg. in-t", 1950, no. 5, 135 - 198)

Calculation data were checked by the oscillographic timing of a mill TEXT: operation for all the brigades when rolling the main conventional sheet types of the mill assortments. A method was developed for calculating the efficiency of three-high mills on the basis of an analysis of reduction conditions, and force and power indices of rolling. The theoretical calculation of the efficiency of sheet rolling mills is given. The problem is discussed how to check the mill amount of work.

H. Yudina

[Abstracter's note: Complete translation]

Card 1/1

EUZEMA, I.D., kand.tekhn.nauk; PhOKHO.DV, A.V.

Mechanical and thermomocnanical hardening of low-alloy and low-carbon steel. Stal' 20 no.8:745-750 Ag '60.

(MIRA 1):7)

1. Zavod imeni Il'icha.

(Steel alloys-Cold working)

S/133/62/000/004/002/008 A054/A127

AUTHORS: Kuzema, I.D.; Yefimov, V.A.; Chernyshev, I.S.; Grebenyuk, V.P.;

Oleshkevich, T.I.;

TITIE: Selecting the parameters of large-sized slabs

PERIODICAL: Stal', no. 4, 1962, 312 - 313

TEXT: The geometry of slabs is characterized by the width-to-th ckness ratio (k) and the length-to-width ratio (k). A k-ratio above 2 causes cracks in the slabs and renders their finishing more difficult. When forming slabs with a k = 1,72 ratio these drawbacks are eliminated, but the slabs will be far too thick, while, moreover other difficulties arise: more passes are required in rolling, more metal is lost in cutting off the edges, etc. Tests to cast large-sized slabs with a k-ratio above 2 without cracks were carried out by imparting a wavy shape to the side-wall surfaces, while the effect of the mold shape on the solidifying skin was also studied. In slabs with a high k (width-to-thickness) ratio deep longitudinal cracks are mainly caused by stresses developing in the skin prior to its separation from the mold-wall. The skin is also subjected to bending moments. The higher the k-value, the greater the stresses working in

Card 1/2

0/.39/02/759/004/702**/008** *\$65*5/4447

Selecting the parameters....

the skin. The bending mements, however, could be reduced considerably by giving the bread side of the slab a wavy shape. In that case the shrinkage of the skin takes place progressively, starting from the angles to the centur. If several waves are formed on the broad side of a slab with a high k-value the gap formation is slowed down and the thin skin plays the part of a reinforcing continuous beam. Slabs, 5 - 7 tons in weight were tested, with width-to-thickness ratios of 2.3, 2.31 and 2.2. The best results were obtained with slabs on whose sides the curvature radius of the wave crest was not more than 5 mm. In another test series 11 - 15-ton slabs were tested with 5 - 9 waves on their broad sides and satisfactory crackines surfaces were obtained in 70% of the output. By improving the geometry of the waves still further and increasing their depth to 24 mm the crack formation could be climinated completely. When applying waves of the required length and depth and sufficiently acute angles, it is possible to cast large-sized ingots with a width-to-thickness ratio of more than 2.2. There are 5 figures.

ASSOCIATION:

Zavod im. Il'icha (Plant im. Il'ich) and Institut gaza AN UkrSSR (Institute of Gas(es) of the Academy of Sciences UkrSSR)

Card 2/2

KAZANTSEV, I.G.; KUZNETSOV, A.F.; PRESNYAKOV, V.M.; MOLONOV, G.D.;

KUZEMA, I.D.; CHERNYSHEV, I.S.; OLESHKEVICH, T.I.; KISSEL', H.N.;

ANTOKHIN, N.T.; ROYANOV, V.V.

Manufacture of very thick plate from capped steel. Izv. vys. ucheb.

Zav.; chern. met. 6 no.6149-50 '63.

1. Zhdanovskiy metallurgicheskiy institut i zavod im. Il'icha.

(Steel ingots) (Rolling (Metalwork)--Quality control)

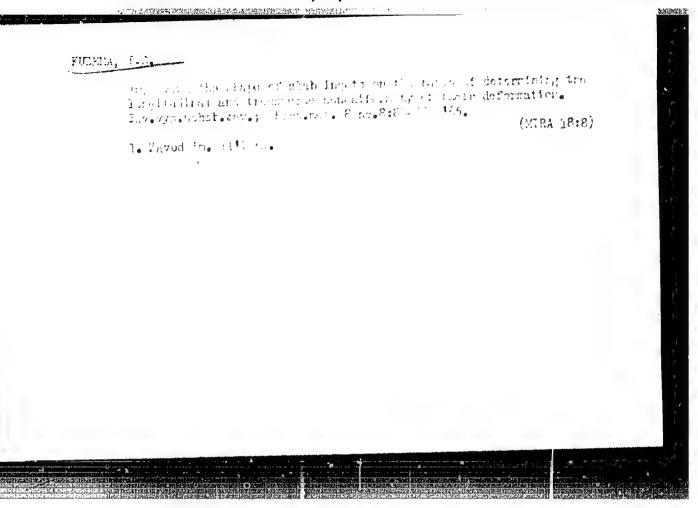
YEFIMOV, V.A., doktor tekhn. nauk; KUZEMA, I.D., kand. tekhn. nauk;
ZHIGULA, A.V., inzh.; SAPKO, V.N., inzh.; KISSEL', N.N.,
inzh.; CHERNYSHEV, I.S., inzh.; ZARUBIN, N.G., inzh.;
STRYAPIN, I.Ya., inzh.; OLESHKEVICH, T.I., inzh.; SONIN, G.V.,
inzh.; PUKALOV, V.P., inzh.

Rapid top pouring of rimmed steel from ladles with a
capacity from 350 to 480 tons. Stal' 24 no.1:30-32 Ja '64.

(MIRA 17:2)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8



KUZEMA, I.D., kand. tekhn. nauk; PFOKHGROV, F.A., MCGCTC.V. V.t., c.Co., T.M.;
RUSETSKAYA, M.I.; HELGUSOVA, N.G.

Characteristics of the production of sheet for extra large boilers.
Met. 1 gornorud. prom. no.5:38-40 S-0 %4. (MIRA 18:7)

ACC NRI AP6006334 SOURCE CODE: UR/01.13/66/000/002/0057/0057 Paton, B. Ye.; Dudko, D. A.; Medovar, B. I.; Lutsyuk-Khudin, V. A.; V. Ya.; Kumyah, I. I.; Andrianov, G. G.; Karpov, V. F.; Dovzhenko, N. F.; AUTHOR: Sryenko, Antonets, D. P.; Kuzema, I. D. ORG: none TITLE: Method of producing composite rolled stock. Class 21, No. 177985 [ennounced by Electric Welding Institute im. Ye. O. Paton (Institut Elektronvarki)] COURCE: Izobreteniya, promyshlennyye obraztay, tovarnyye znaki, no. 2, 1965, 57 TOPIC TAGS: welding, metal rolling, sandwich rolling ABSTRACT: An Author Certificate has been issued for a method of producing composite rolled metal by using a billet consisting of ingots or plates welded together by clectrosleg welding. To have on stainless steel, lower the thickness of the clod layer, and simplify the welding procedure, it is suggested that the process be begun with a heterogeneous plate made from prevelded and prevolled smaller billets having been a carbon steel and clad layer, and then adding additional ingots or plates to produce sandwich rolled stock. [LD] SUBM DATE: 11Apr63 SUB CODE: ORIG: none/ OTH REF: none/ Card 1/1 116 UDC: 621.791.793:621.771.2-419.5

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8

L M en - 56 MMT(m)/EWP(t)/T/DTI/EWP(k) MP(c) MP(c) MYHW	
ACC NR: AP6029871 SOURCE CODE: UR/0413/66/000/015/0022/0022	7
INVENTOR: Voronov, F. D.; Filatov, A. D.; Gun, S. B.; Selivanov, N. H.; Nosov,	T.
The state of the Concharge F. I. Plotnikov, P. I. ROBNKOV, S. A.;	h-
A A Datable V D Arkhing V M. Uzivenko, A. D. Aviv	
W. Jamellow, W. D. Chantro, R. S. & Kaluoin, V. F.: Grudev, P. I.; Aksenov, D. W.	
Koznevnikov, V. F.; Snapito, D. St., Kuzema, I. D.; Gomzhin, V. V.; Poylyshev, B. N.;	
Shternov, M. M.	
	4.1
ORG: none	*3
TITLE: Method of making high-strength steel plates by pack rolling. Class 7,	
No. 184232 4	C .
10. 104232	
SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 22	
	**
TOPIC TAGS: high strength steel, high strength steel plate, high strength	
steel sheet, steel plate rolling, steel sheet rolling	\
ABSTRACT: This Author Certificate introduces a method of pack rolling high-strength	S)
a mat L . 1 Amaludos olocolno Wooting , making of the pack a negrandi	A.
rolling and subsequent heat treatment. To ensure an accurate thickness of the plates	
	Ď×
Card 1/2 UDC: 621.771.23	to a
	u (1) Selatokoa

	, 44005-66 ACC NR: AP6029871 or sheets regardless of their location in the pack, the thickness of the must be at least 0.6 of the total initial thickness of the high-strength	envelope
	of the pack.	[ND]
	SUB CODE: 13/ SUBM DATE: 18Jun64/ ATD PRESS: 5070	•
	\cdot	
	•	
		-43
		د دوا ده د دوا د مور دنند
		A Parker
	Card 2/2 blg	6 14 5
L	"MONALLE ARTOR SAFETY OF THE PARTY OF THE PA	

· 中心 (4.00%)、10% (2.004) 经中国国际的总统国际的国际的国际的国际

KUZEMA, V.G.

The Committee on Stalin Prizes (of the Council of Ministers MAR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Frizes for the years 1972 and 1953. (Sovetskaya Kultura, Moscow, No. 20-40, 20 Feb - 3 Apr. 1954)

Name

Title of Work

monitorited by

Gareyev, E.Z. Arakelyan, U.G. Bychkova, N.F. Kolenko, A.Z. Lashin, M.I. Kuzema, V.G.

Kryachkov, P. Ya.

"Michurinian Varieties of Fruit Trees in Kirgiziya" Kirgiz Affiliate, Academy of Sciences USSR

50: W-30604, 7 July 1954

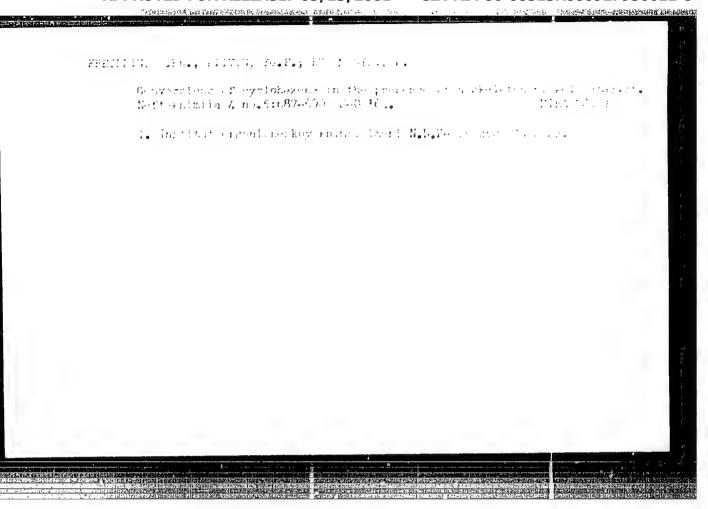
At New York, No. FMA, Ya....

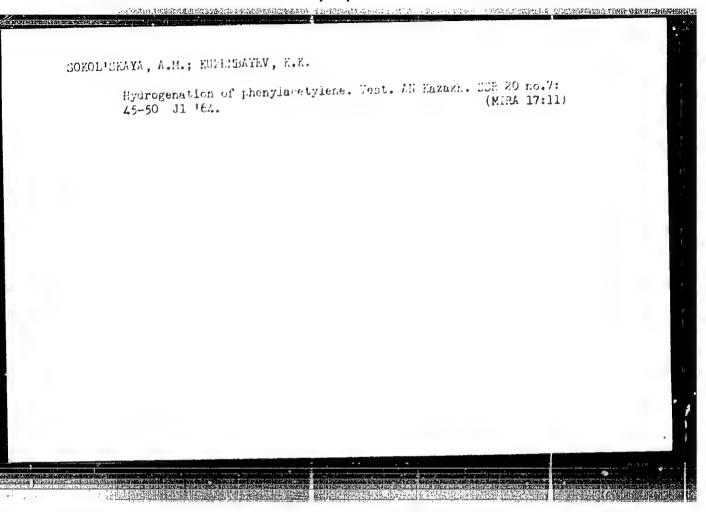
Apparatus for cyclic tensile two ring, Nav. Lab. 10 sc.5.rll(Nirk 17:5)

1. Institut metallokerasik: i opetatal nykh aplayer alk Ukrüba.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8





APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"

KUSEMBAYEV, K.K.; SOKOL'SKAYA, A.M.

Chromatographic separation of phenylacetylene and products of its hydrogenation. Zav. lab. 30 no.9(1077 '64. (Misa 18:3))

1. Kasakhskiy gosudarstvennyy universitet imeni Kirova.

Agriculture -Monomic Asjects

Essults of enlarging of collective farms in the Kazakh S.S.F., Voj. ekon. No. 2, F '52.

Monthly List of Russian Accessions, Library of Congress, Nerch 1952. Unclassified.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8

- 1. KUZEMIN, I.N., Eng.
- 2. USSR (600)
- h. Electric Lines
- 7. Continuous operation system for assembling electric transmission line. Biul. stroi, tekh. 9 No. 19, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

"APPROVED FOR RELEASE: 03/13/2001

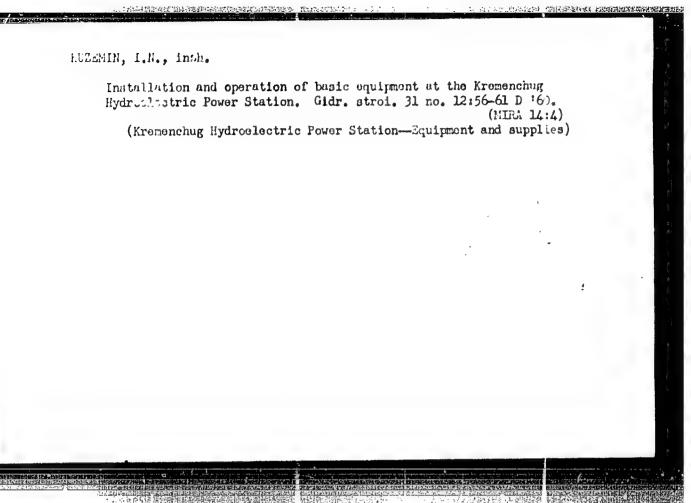
CIA-RDP86-00513R000927930012-8

KUZEMIN, 1.W., inzh.

Kremenchug Hydroelectric Power Station on the Dnieper. Gidr. etroi.

(MIRA 13:10)

(Kremenchug Hydroelectric Power Station)



APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"

RUZEMIN, I.H., inzh.; STROGANOV, Ye.K., inzh.

Preparation for starting and temporary operation of the Kremenchug Hydroelectric Power Station. Energ.strol. no.23:1(1-106 °C.. (KIR. 15:1)

1. Direktor Kremenchugskoy gidroelektrostantsii (for Kuzemin).

2. Glavnyy inzh. direktsii kremenchugskoy gidroelektrostantsi. (for Stroganov).

(Kremenchug Hydroelectric Fower Station)

Efficiency promotion at the Kremenchug Hydroelectric Power Station, Gidr. stroi. 33 no.11:44-47 N '62. (MIRA 16:1)

1. Direktor Kremenchugskoy gidroelektrostantsii. (Kremenchug Hydroelectric Power Station--Technological innovations)

BALATS, D.S., GREBENNIK, I.I.; KUZEMKIN, V.I.

Hachine for bending clamps. Mashinostroitel no.7:34 Jl '59.

(Bending machines)

KUZEMKINA. Yo.N.

Composition and textural characteristics of bears in Mesozoic hauxites in Mustanay Province. Geol. rud. mestorozh. no.3:96-10" My-Je '60. (MIRA 13:7)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.

(Kustanay Province—Bauxite)

Concerning some secondary processes in Mesozoic bauxitee in the northwestern Turgay Gates. Kora vyvetr. nc.4:195-209
'62. (MIRA 15:9)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR. (Turgay Gates-Bauxite)

MIRA, O.P. [Mehra, O.P.]; DZHEKSON, M.L. [Jackson, M.L.]; KUZEMKINA, Yo.N. [translator]

Removal of iron oxides from soils and clays by means of the dithionite-citric acid system with the buffer solution of sodium bicarbonate. Kora vyvetr. no.5:389-397 163. (MIRA 16:7)

(Mineralogical chemistry)

KUMINATIVA, Ye.M.

Supergenic millerite from the serpentimite weathering surface, Kora vyvetr, no.9:29-33 *65.

Nickel-bearing weathering surface on the ultrabasites of the Kola Massif (Northern Urals). Ibid.:56-78 (MISA 19:1)

Konferentsiya po teorii plastin i obolochek. Kazan', 1960.

Trudy Konforentsii po teorii plastin i obolochek. 24-29 oktyabrya 1960. (Transactions of the Conference on the Theory of Plates and Sholls Held in Kazan', 24 to 29 October 1960. Kazan', 1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Kazanskiy filial. Kazanskiy gosudarstvennyy universitet' im. V. I. Ul'yanova-Lenina.

Sditorial Board: Kh. M. Mushtari, Editor; P. S. Isanbayova, Secretary, N. A. Alumyae, V. V. Rolotin, A. 3. Vol'mir, N. 3. Ganiyev, A. L. Gol'denveyser, N. A. Ki'chevekty, M. 3. Konishin, R. G. Surkin, and A. P. Pilippev. Ed.: V. I. Aleksagin;
Teoh. Ed.: Tu. P. Semenov.

PURPOSE: The collection of articles is intended for scientists and engineers who are interested in the analysis of strength and
Card 1/14

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8

Transactions of the Conference (Cont.)

SOV/6206

COVERAGE: The book is a collection of articles delivered at the Conference on Plates and Shells held in Kazan' from 24 to 29 October 1960. The articles deal with the mathematical theory of plates and shells and its application to the solution, in both linear and nonlinear formulations, of problems of bending, static and dynamic stability, and vibration of regular and sandwich plates and shells of various shapes under various loadings in the elastic and plastic regions. Analysis is made of the behavior of plates and shells in fluids, and the effect of creep of the material is considered. A number of papers discuss problems associated with the development of effective mathematical methods for solving problems in the theory of shells. Some of the reports propose algorithms for the solution of problems with the aid of electronic computers. A total of one hundred reports and notes were presented and discussed during the conference. The reports are arranged alphabetically (Russian) by the author's name.

Card 2/14

- "一个不可以我们的是我们就是我们的,我们就是我们的一个人,不是一个人。" (1) 在 10 10 10 10 10 10 10 10 10 10 10 10 10	
Transactions of the Conference (Cont.)	30 V/6 206
Vinokurov, S. G. Large Deflections of a Conical Panel in a Temperature Field	66
Gavrilov, Yu. V. Investigation of the Spectrum of Natural Vibrations of Elastic Circular Cylindrical Shells	72
Gavelya, S. P., and A. M. Kuzemko. On the Elastic Equilibrium of a Rigidly Clamped Shallow Shell of Constant Curvature With Arbitrary Contour	77
Galimov, K. Z. On the Theory of Finite Deformations of Thin Shells	83
Galkin, S. I. Torsion of a Circular Stiffened Cylindrical Shell With a Reinforced Rectangular Opening, Making Allowance for the Elasticity of the Frames	92
Ganeyeva, M. S. Large Deflections of a Rectangular Plate Under Uniform Normal Pressure and Nonuniform Heating	101
Card 5/14	
SERVICE OF THE PROPERTY OF THE	

35887

S/044/62/000/007/040/100 C111/C222

: 4200 AUTEORS:

Gavelya, S.P., Kuzemko, A.M.

TITLE:

The application of regular integral equations to some

problems of the theory of flat shells

PERIODOCAL: Referativnyy zhurnal, Matematika, no. 7, 1962, 67,

abstract 7B324. ("Zb. robit aspirantiv Mekhan.-matem. ta

fiz. fak. L'vivs'k. un-t", 1961, no. 1, 3-10)

TEXT: The authors consider the system of differential equations for the equilibrium of flat elastic shells. The authors use known results for the Lamé system and for the biharmonic equation and construct the Green function for the principal parts of the differential operators of the system. With the aid of this Green function the problem is reduced to a regular system of Fredholm integral equations of second kind. It is pointed out that this system is unrestrictedly solvable, if the shell is sufficiently weakly curved. As an example the authors consider a problem with rigid-flexible fixing.

Abstracter's note : Complet translation.

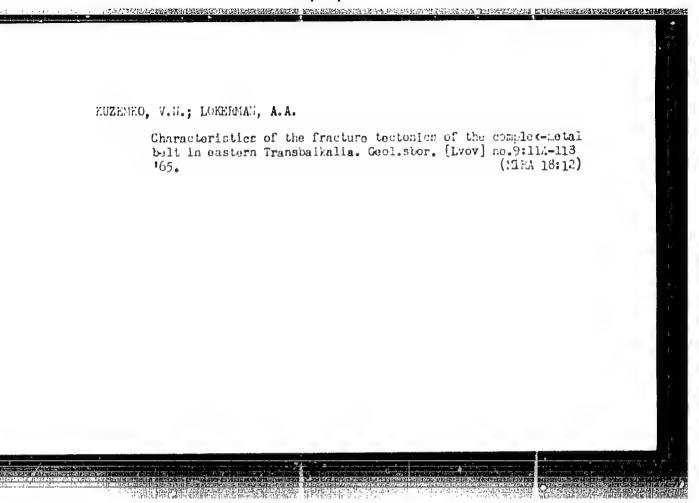
Card 1/1

KUZEMKO, T.,

Convenient accounting blank. Obshchestv. pit. no. 8:38-39 Ag '60. (MIRA 14:4)

1. Starshiy bukhgalter Restorana, No. 3 "Yuzhnyy" Leninskogo tresta stolovykh Khar'kova.

(Kharkov---Restaurants, lunchrooms, etc.---Accounting)



GORODKOV, B.N., professor; KUZENEVA, O.I.; ORLOVA, N.I.; POYARKOVA, A.I.;
SELIVANOVA-GORODKOVĀ, To.K.; Ornamov, Ye.O.; SHLYAKOVA, Ye.V.;
GOLOVNIN, M.I., redektor; KROL, D.M., tekhnicheskiy redaktor

[Flora of Murmansk Province] Flora Murmanskoi oblasti. Moskva,
Izd-vo Akad. nauk SSSR, No.1. 1953 254 p., maps. No.2. 1954.
238 p., maps. (MLRA 8:7)

1. Polyarno-al'plyskiy betanicheskiy sad.

(Murmansk Province—Botany)

EUZENEVA, O.I.; CHERNOV, Ye.G.

Description of the family Cyperaceae, table for indentifying genera of the Cyperaceae family, and the genus Carex. Genera: Eriophorum, Trichophorum, Scirpus, Bolboschoemus, Schoenoplectus, Blysmus, Hleocharis, Schoemus, Rhyncospora, Kobresia, Flora Murm.obl., no.2:12-142
'54.

(Mirmansk Province--Sedgee) (Sedgee--Murmansk Province)

AVRORIN, N.A.; KUZENBYA, Q.I.; ORLOVA, N.I.; PIS'YAUKOVA, V.V.; POYARKOVA, A.I.; ZEMENOVA-TYAN-SHANSKAYA, N.Z.; CHERNOV, Ye.G.; SHLYAKOV, R.N.; TVERITINOVA, K.S., tekhnicheskiy redsktor

[Flora of Murmansk Province] Flora Hurmanskoi oblasti. Moskve, Izd-vo Akademii nauk SSSR. No.3. 1956. 449 p. (MLFA 9:11) (Murmansk Province--Botany)

AVRORIN, N.A.; KUZENEVA, O.I.; ORLOVA, N.I.; POYARKOVA, A.I.; SEMENOVATYAN-SHANSKAYA, N.Z.; CHERNOV, Ye.G.; SHLYAKOV, R.N.; TUZEPCHUK,
S.V. [deceased]; ARONS, R.A., tekhn.red.

[Flora of Murmansk Province] Flora Murmanskoi oblasti. Moskva.
No.4. 1959. 393 p. (MIRA 12:8)

1. Akademiya nauk SSSR. Kol'skiy filial, Kirovsk.

(Murmansk Province--Dicotyledons)

KUZENEVA, O.I.

Flora of Murmansk Province. Bot. zhur. 48 no.8:1215-1216 Ag '63.
(MIRA 16:10)

1. Polyarno-al piyakiy botanichaskiy and Kol'akego filiala immi
S.M. Kirova AN SSSR, Kirovak Murmanskoy oblasti.
(Murmansk Province—Botany)

PA - 1939 KUZENKO, H.V GOVORKOV, B.B., GOL'DANSKIJ, V.I., KARPUCHIN, O.A., KUZENKO, A.V. SUBJECT The Elastic Scattering of | -Quanta with an Energy of up to AUTHOR 120 MeV by Protons. Dokl.Akad. Hauk 111, fasc. 5, 988-991 (1956) TITLE Experiments were carried out by means of the 265 MeV-synchrotron of the Physi-PERIODICAL cal Institute "P.N. LEBEDEV" of the Academy of Science in the USSR. For the purpose of reducing the photon load of individual counters work was carried out in such a manner that the duration of the impulses of the synchrotron amounted to 1000 m sec (instead of the usual 30 m sec). The spectrum of the electrons impinging upon the target of the synchrotron was nearly triangular with the base of 75 to 119 Nev and with the maximum at 97 MeV. The elastic / p-scattering at these energies was investigated by registration of the scattered T -quanta solely with the help of telescopes which consist of sointillation counters. An attached drawing illustrates this experimental order. Observation was carried out with two telescopes which were fitted simultaneously under the angles 90 and 90°, 45 and 90°, 45 and 135° (in the latoratory ously under the angles 90 and 90°, 45 and 90°, 45 and 135° (in the latoratory outlier). system). Each telescope consisted of four liquid-scintillation-counters with a solution of terphenyl in toluene. The recording threshold for the f -quanta in the case of both telescopes amounted to ~ 40 MeV. The light rulses emitted from the scintillators were recorded by means of photoelectronic multipliers

Dokl.Akad.Nauk 111, fasc. 5, 988-991 (1956) CARD 2 / 2 PA - 1939

FEU - 19 - II. Liquid hydrogen was used in a target vessel of penopolystical.

The determination of the effectively acting volume of the target is described.

Experimental results are shown in form of a graph. The cross section for the angle 90° amounts to $d\sigma/d\Omega = (1.35 \pm 0.13).10^{-32}$ cm²/sterad and agrees well with the results obtained by C.OXLEY and V.TELEGDI, Phys.Rev.100,435 (1955). However, in contrast to this work, the authors obtained a predominating scattering of photons into the rear hemisphere (for 45° - $d\sigma/d$ =

= (1,40 + 0,17).10⁻³² cm²/sterad; for 135°- (2,25 + 0,45).10⁻³² cm²/sterad). This result has the following significance: Already at energies of j quanta of up to 120 MeV the analysis of the COMPTON effect on protons, which is based only on the value of the anomalous statistical magnetic moment and results in a certain predominance of scattering in to the front hemisphere, is nound to be insufficient. Apparently the interference of the scattering of j equanta on the proton as a punctiform source and on the nucleon-isobar becomes noticeable already at such energies, viz. because of the existence of an asymmetric nulceon cloud a dynamic magnetic moment of the nucleons occurs.

INSTITUTION: Physical Institute "P.N.LEBEDEV" of the Academy of Science in the USSR

We need a precise plan for training locomotive craws. Elek, i topl, tiaga 3 no.4:26 Ap '59, (NIRA 12:7)

1. Zaveduyushchiy uchebnoy chast'yu Krasnolimanskoy tekhnicleskoy shkoly mashiniatov. (Locomotive engineers—Education)

WASSACROUNT, A.S.; STATION, V.V.; AUT The, A.A., ARREITE I., G.T.;
SMISLOV, A.G.; KENDEV, A.C., red.

[Elements of contactless remote scattrol systems] Elementy
beckontaktnykh sintom telemeknantki. Podva, Tleatr.
nauchno-tekha. Informatsii Go., projev detvonnogo k r-ta po
gazovol projychl. ESE, 1963. 16 j. (Cl. 4 17:11)

A 1. 9737-66 EWF(m)/EWF(t)/EWP(b) LJP(c) JD/JG

ACC NR: AP5027169 SOURCE

SOURCE CODE: UR/0076/65/039/010/2359/2364

AUTHOR: Bogdanov, G.A.; Yurchenko, G.K.; Kuzenko, L.A.

ORG: Moscow Textile Institute (Moskovskiy tekstil'nyy institut)

TITLE: Study of sodium peroxooxyvanadates

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 10, 1965, 2359-2374

TOPIC TAGS: vanadate, peroxide, vanadium compound, so dium compound

ABSTRACT: The methods of preparation of sodium peroxooxyvanadates, which are intermediates in the catalysis of hydrogen peroxide by sodium vanadate, were elaborated, and the compounds were isolated. Their composition was determined to be NaVO4, NaVO4 to a true $\rm H_2O_2$, and NaVO4·3H₂O₂; the latter two have not been described before. NaVO₄ is a true peroxide with a fairly stable inner coordination sphere. The decomposition of sodium monoperoxovanadate in solution is homogeneous and occurs via an inner-sphere recombination without being accompanied by radical-chain processes. The dependence of the decomposition rate on the concentration obeys an equation that is close to first-order. The mola: conductance of aqueous NaVO4 solutions changes anomalously with dilution; Ostwald's and

Card 1/2

UDC 541.128 + 541.124/.128

0

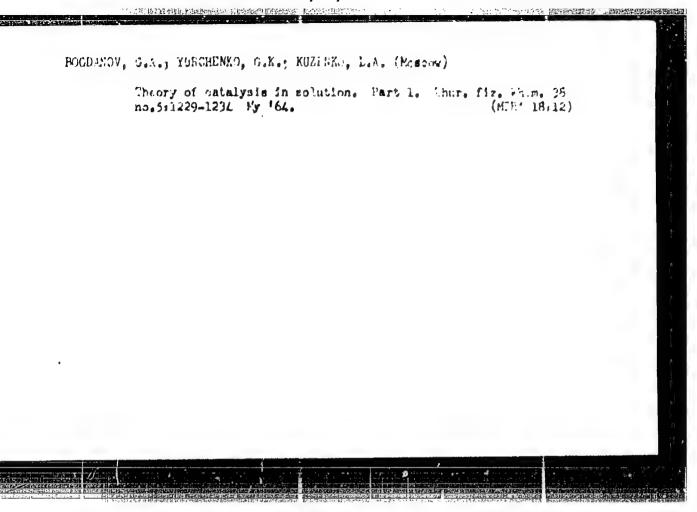
1 9737-66

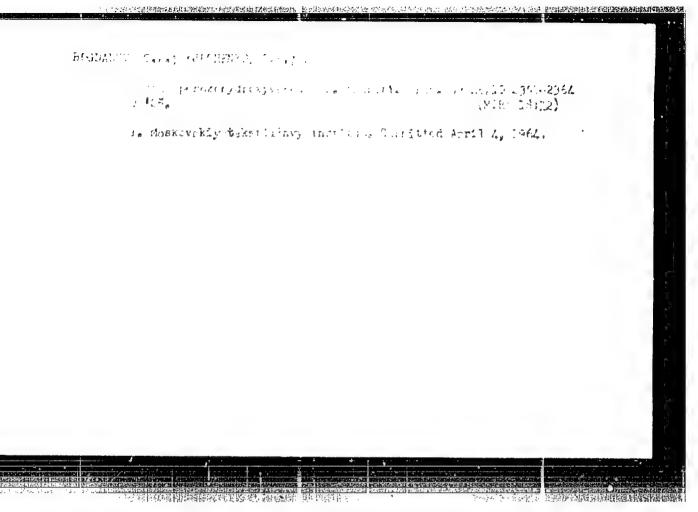
ACC NR: AP5027169

Werner's laws do not apply in this case. At room temperature, dry $NaVO_4$ is stable and decomposes with a vigorous evolution of heat at temperatures above 80C. The process of thermal decomposition of $NaVO_4$ essentially obeys the topochemical laws and occurs at the interface. The equilibrium constants, free energy changes, and entropy charges of the decomposition of $NaVO_4$ in water were calculated for several temperatures. Orig. art. has: 5 figures and 2 tables.

SUB CODE: 07 / SUBM DATE: 04Apr64 / ORIG REF:005 / OTH REF: 002

Card 2/2





EJZENKO, M.Ya., inzh. (Kher'kov)

Planning the work of the train dispatching staff in a section.
Zhel.dor.transp. 47 no.4:32-34 Ap '55.

(MIR. 18:6)

KUZENKO, V.M.; GENGALO, V.A.

Distributing expenditures in the exploitation of gas condensets fields. Neft. 1 gaz. prom. no.1:30-32 Ja-Mr 164.

(MOFA 18:2)

KUZENKO, Ye.

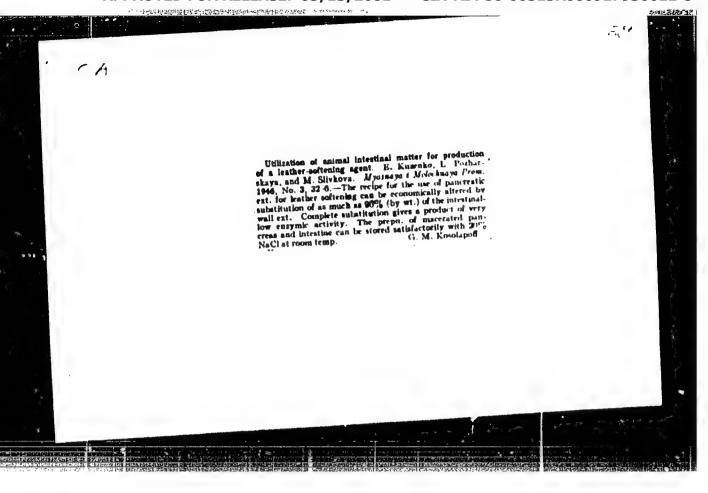
Factors affecting the yield of endocrine anzymes and special raw materials. Mias. ind. SSSR 34 no.4:11-15 '63. (MIRA 16:10)

1. Moskovskiy ordena Lenina mesnoy kombinat.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8



BELEN'KIY, N., akademik; KUZENKO, Ya.; POZHARSKAYA, L., kandidat biologicheskith nauk; RYNDINA, V.

Soparating blood plasma in medium and small meat combines. Mias.
ind.SSSR. 27 no.2:10-11 '56. (MLNA 9:8)
(BLOOD PLASMA) (SEPARATORS (MACHINERY))

BELEH'KIY, N.G., POZHARISKAYA, L.S., KUZENKO, Ye.V., VOLKOVA, A.G.

Improvement in obtaining sterile blood serum for use in medicinals.

Med.prom. 12 no.8118-22 Ag '58 (MIRA 1119)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennsti.
(SERUM)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"

BELEN'KIY, N.G., akademik; POZHARISKAYA, L.S., kand.biologicheekikh mauk;
VOLKOVA, A.J., mladshiy nauchnyy setrudnik; KUZENKO, Ye.V., inzh.

Properties of the blood plasma and serum of cattle. Trudy VNIMP no.9:104-108 '59. (MIRA 13:8)

(Gattle) (Blood analysis and coemiutry)

KUZENKO, Ye.; SINTSOVA, M.

Autolysis method for obtaining gastric juices on a production line.
Mias.ind. SSSR 33 no.3:50-51 62. (MIRA 15:7)

1. Moskovskiy myasokombinat.
(Meat industry—By-products) (Gastric juice)

OLISEANOVA, K., prof.; POTAPOVA, M., kand.khim.neuk; KCRNIYENEC. A., kand. tekhn.nauk; KUZENKO, Ya.; SHIFANOVA, P.

Ion exchange resins in the production of protein hydrolyzates. Miss.ind.SSSR 35 no.1:16-20 '64. (MIRA 17:A)

1. Moskovskiy technologicheskiy institut mynanoy i molochnoy promyshlennosti (for Korniyenko). 2. Moskovskiy ordena Lenisa myasokombinat (for Shibanova).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8

L 29597-66 EWT(1)/FCC GIL ACC NR: AT6013746

SOURCE CODE: UR/2789/65/000/C67/0017/0023

AUTHOR: Kuzenkov, A. F.

3-2

B+1

ORG: none

TITLE: A method for measuring radioactivity in the free atmosphere

SOURCE: Tsentral'naya aerologicheskaya observatoriya, no. 67, 1965. Metody i rezul'taty aerologicheskikh nablyudeniy (Methods and results of aerological observations),

TOPIC TAGS: atmospheric radioactivity, radiosonde, radiation instrument

ABSTRACT: A radiosonde method is proposed for measuring atmospheric radioactivity. The equipment used for this measurement is based on the RKZ-1 radio unit. The radiation indicator consists of three STS-6 self-quenching counters connected in parallel. The outer surface of the radiation receiver is painted black to amplify the absorbed short-wave solar radiation. The power supply is a GB-400 battery. A schematic diagram of the device is given. The tape output of the device is the graphical representation of a function of the form

$$\overline{n}(t) = \frac{1}{\tau} \int_{t}^{t+\tau} n(t) dt,$$

Card 1/2

L 29597-66 ACC NR: AT6013746

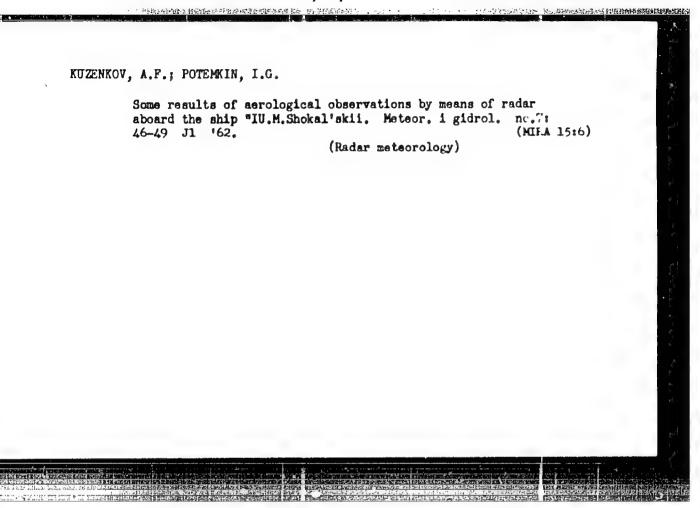
where n(t) is the number of discharges recorded by the radiation receiver; $\bar{n}(t)$ is the average count rate in time τ . The operation of the equipment is briefly described and statistical and instrument errors are analyzed. The sensitivity of the method is determined for measurements in regions of high radioactivity. If the sensitivity of the device is defined as its capacity to measure the number of decays of radioactivity products $n=n_b/10$ where n_b is the intensity of the background count, then the threshold of sensitivity at an altitude of 20 km where n_b is a maximum (220 pulses per second) is $7.3 \cdot 10^2$ decays/m³ or $1.9 \cdot 10^{-8}$ Curie/m³. The sensitivity of the instrument increases with altitude since the free path of the particles increases nore quickly than the intensity of the background count. The sensitivity close to the surface of the earth is of the order of $4 \cdot 10^{-8}$ Curie/m³. These values of sensitivity are somewhat underestimated since the accumulation of γ -quanta was not considered and only the photon component of radioactivity was accounted for. The device was tested at an altitude of 20 km under natural conditions. It is shown that the instrument gives repeatable results. Orig. art. has: 3 figures, 2 formulas.

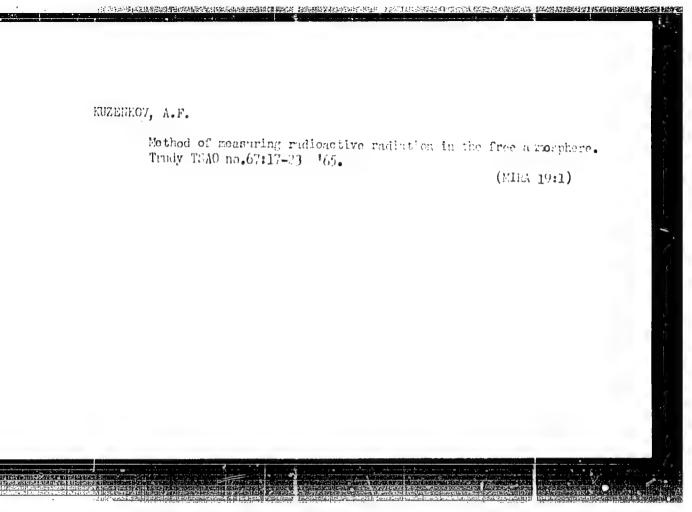
SUB CODE: 08/

ORIG REF: 004/

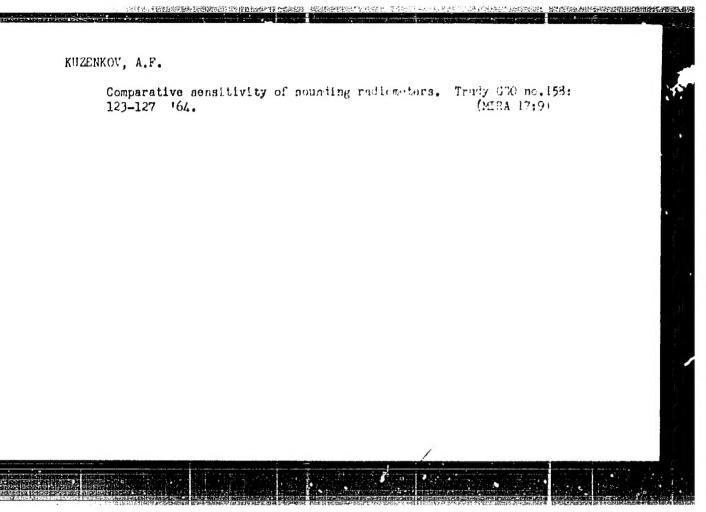
OTH REF: 001

Card 2/2 00

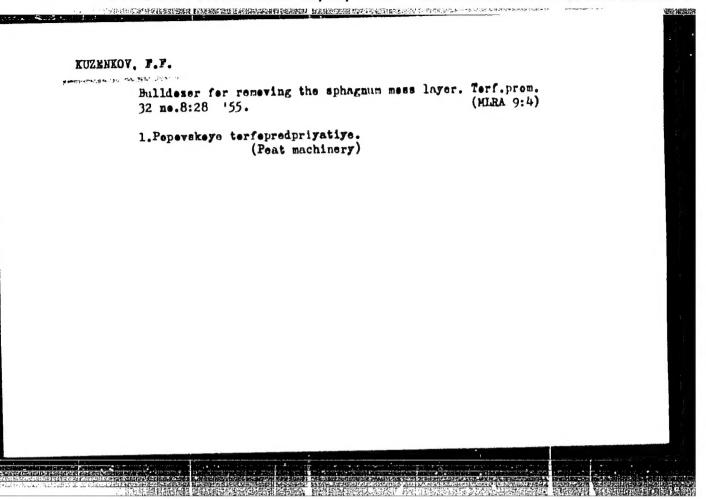




APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"

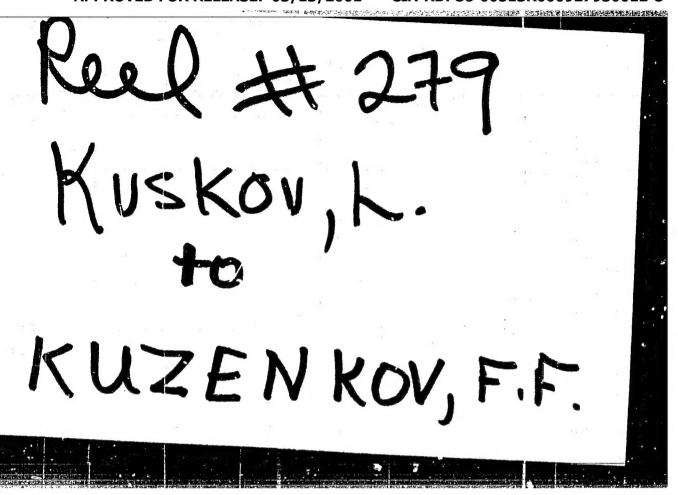


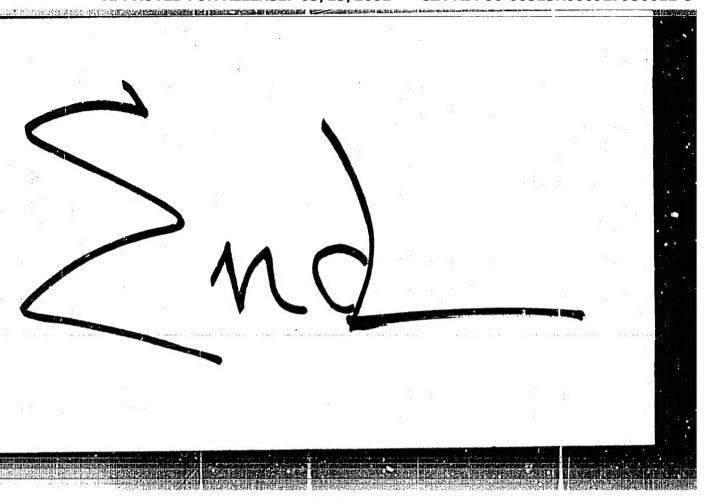
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"



"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927930012-8





APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927930012-8"